Minutes of the 24 September 2003 meeting of the Oregon and Northern California Coast Technical Recovery Team - Southern Oregon/Northern California Workgroup, Corvallis, Oregon

Attendance:

TRT Members: Walt Duffy, Dave Hillemeier, George Kautsky, Pete Lawson, Tom Lisle, Mike McCain, Mike Rode, Tom Wainwright, Tommy Williams
Recovery Coordinator: Greg Bryant
Visitors: Eric Bjorkstedt (SWFSC-Santa Cruz), Kelly Burnett (USFS-FSL Corvallis)

1. Introductions: All members, staff, and guests were introduced

2. Overview of Intrinsic Potential and discussion (Kelly Burnett, USFS-FSL Corvallis) - Kelly Burnett provided an overview of Intrinsic Potential (IP) that was developed by the Coastal Landscape Analysis and Modeling Study. The purpose was to develop metrics of watershed condition; IP predicts the capacity of a stream to produce high quality habitat for anadromous fish (coho salmon and steelhead). It is based on a mapped stream network developed from 10 m DEMs and a process-based model with three major variables that include gradient, mean annual flow, and valley constraint. More information on IP and the CLAMS project is available at: http://www.fsl.orst.edu/clams/prj_wtr_aqu_indx.html.

3. Review of suitability curves used for Intrinsic Potential (T. Williams) - Williams reviewed a draft document by Glenn Szerlong (TRT staff at NOAA Fisheries, Santa Cruz Laboratory) that reviewed suitability curves for modeling intrinsic potential. Specifically, looking for regional specific data for SONCC that would suggest changes to coho salmon curves developed by CLAMS. Draft document concluded no additional data available to justify changes to coho salmon curves. SONCC workgroup asked for data along with regression line be included on plots.

4. Examination of initial IP output for portions of SONCC domain (T. Williams) - Preliminary IP maps illustrating high, medium, and low potential juvenile coho salmon rearing habitat were examined. Portions of Rogue, Klamath, and Eel river basins were not completed at the time of the meeting.

5. Genetic survey update (T. Williams) - Williams updated SONCC on field work to collect coho salmon tissues from approximately 40 coastal basins of California. Sampling effort is targeting the 2002/2003 brood year.

6. Discussion - centroid placement for distance calculations, revisit any concerns with suitability curves, dispersal/isolation model, and IP modeling (T. Williams) - brief discussion concerning the placement of centroids for calculating distances between pairs of locations. At the present time, centroids are being placed in the mid-point of the area of a proposed "independent population" and snapped to the nearest stream. This approach may need to be changed in the future, but this approach will be used for preliminary analyses.

7. Public Comment: none

8. Next meeting: tentative date of 18 November 2003 to reconvene the whole ONCC TRT; there may be a meeting of the SONCC workgroup prior to the 18 November meeting - TBD.

Draft AGENDA

Southern Oregon/Northern California Coast Workgroup
Oregon and Northern California Coast Technical Recovery Team
24 September 2003

USFS - Corvallis Forestry Sciences Laboratory
3200 SW Jefferson Way
Corvallis, Oregon 97331
(541) 750-7250

24 September - Wednesday

9:00 - 9:15	Welcome, brief overview of observer policy for any observers present, review agenda for meeting - *Tommy Williams*
9:15 - 9:30	Genetic survey update, scheduling of upcoming meetings - *Tommy Williams*
9:30 - 10:15	Overview of Intrinsic Potential and discussion - *Kelly Burnett, USFS-Corvallis FSL*
10:15 - 10:30	Break -
10:30 - 11:00	Review suitability curves used for IP (please review document prior to discussion, document will be available at Tuesday meeting) - *Tommy Williams*
11:00 - 11:30	Examination of initial IP output for portions of SONCC - *Tommy Williams*
11:30 - 11:45	Discussion - centroid placement for distance calculations, revisit any issues or concerns with suitability curves, dispersal/isolation model, and IP process
11:45	Adjourn